## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	
Filing Date	
Inventorship	
Applicant	Microsoft Corporation
Attorney's Docket No	
Title: Network Load Balancing with Traffic Routing	•

## **INFORMATION DISCLOSURE STATEMENT**

References -- See Attached Form PTO-1449

## **REMARKS**

The citations listed, copies attached, are submitted in compliance with the duty of disclosure defined in 37 CFR §1.56. The Examiner is requested to make these citations of official record in this application.

Respectfully Submitted,

Date: 9/5/2003 By

Keith W. Saunders Reg. No. 41,462

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Sheet	1	of	3	Attorney Docket Number	MS1-1518US	

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	U.S. Patent I	Ocument Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		6,067,580	\	Aman et al.	05/23/2000				
		6,272,523		Factor	08/07/2001				
		6,098,093		Bayeh et al.	08/01/2000				
		6,253,230		Couland et al.	06/26/2001				
		6,424,992		Devarakonda et al.	07/23/2002				
		6.341.356		Johnson et al.	01/22/2002				
		5,371,852		Attanasio et al.	12/06/1994				
		5.539.883		Allon et al.	07/23/1996				
		5.774.660		Brendel et al.	06/30/1998				
		5,774,668		Choquier et al.	06/30/1998				
		5,951,694		Choquier et al.	08/14/1999				
		5.918.017		Attanasio et al.	06/29/1999				
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	FOREIGN PATENT DOCUMENTS								
- 1 01		F	oreign Patent Do	cument	Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant		
	Cite No. <sup>1</sup>	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T6	
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	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>				
		HAGYOUNG KIM ET AL. Content-Adaptive Request Distribution Strategy for Internet Server Cluster. W. Chang (ED.): Asia 2002, LNCs 2402, pp. 85-94, August 2002. copyright Springer-Verlag Berlin Heidelberg 2002.	l.				
		RAM GOPAL. L. ET AL. Policy Based Access Router Selections And Context Transfers In Mobile IP. Network Control and Engineering for QoS, Security and Mobility (Net.Com 2002); pp. 3-14; October 2002.					
		PHILIPPE LEVILLAIN ET AL. Switch-Based Server Load Balancing For Enterprises; Alcatel Telecommunications Review, no. 4; pp. 298-302; 2002.					
		RYUJI SOMEGAWA ET AL. The Effects fo Server Placement and server selection for Internet Services. IEICE TRANS. COMMUN. Vol. e86-b, No. 2, February 2003. pp. 542-552					
		FLORIN SULTAN ET AL. Position Summary: Transport Layer Support for Highly-Available Network Services. Predgs. Eigth Workshop on Itot Topics in Operating Systems; p. 182; May 2001.					
		RAJIVE BAGRODIA ET AL. A Scalable, Distributed Middleware Service Architecture to Support Mobile Internet Applications. Wireless Networks 9, V. 9, N4, July 2003 Kluwer Academic Publishers. Manufactured in the Netherlands; pp. 311-320.	į				
		MASANORI UGA ET AL., A High-Speed Packet Classification Using TCAM, IEICE TRANS. on Communications, Vol. e85-b, No.9, September 2002; pp. 1766-1773.					
-		FLORIN SULTAN ET AL., Migratory TCP: Connection Migration for Service Continuity in the Internet, Proceedings 22nd Intl. Conference on Distributed Computing Systems, July 2002; pp. 469-470.					
		MARIA KIHL ET AL., Admission Control Schemes Guaranteeing Customer Q0S in Commercial Web Sites., Network Control and Engineering for QoS, Security and Mobility (Net-Com 2002) October 2002; pp. 305-316.					
		H. JONATHAN CHAO, Next Generation Routers., Proceedings of the IEEE. Vol. 90, NO.9, September 2002; pp. 1518-1558.					
		SUNDAR IYER ET AL., ClassiPI: An Architecture for Fast and Flexible Packet Classification., IEEE Network, March/April 2001, Vol. 15, No. 2; pp. 33-41.					

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.



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NON PATENT LITERATURE DOCUMENTS									
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						
		HAINING WANG, et al., Layer-4 Service Differentiation and Resource Isolation, Proceedings of the Eighth IEEE Real-Time and Embedded Technology and Applications Symposium (RTAS'O2); 0-7695-1739-0/02; September 2002; 12 pages.							
		NORIYUKI TAKAHASHI, et al; APE: Fast and Secure Active Networking Architecture for Active Packet Editing, 2002 IEEE Open Architectures and NEtwork Programming Proceedures; (OPEN ARCH 2002) JUNE 2002; PP. 104-113.	:						
		BYEONG-CHEOL CHOI et al; A High-Speed Multi-layer Lookup for Policy Based Packet Classification Using TCAM. Proceedings of the IASTED International Conference, Communication Systems and Networks, September 9-12, 2002, Malaga, Spain; 7 pages							
		COHEN, et al; "On The Performance Of TCP Splicing For URS-Aware ReDirection"; Proceedings of USITS' 99 USENIX Symposium Technologies & Systems; Boulder, Colorado, USA, October 11-14, 1999; 10 pages.							

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Examiner	Date	
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